



PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on December 17, 2003.

  
Stephen A. Slusher, Reg. No. 43,924

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/666,412  
Applicants : Joseph Wang, et al.  
Filed : September 18, 2003  
Title : ELECTROACTIVE MICROSPHERES AND METHODS

TC/A.U. : 1641  
Examiner : UNKNOWN

Docket No. : 37000-0206

### Mail Stop:

Commissioner for Patents  
United States Patent and Trademark Office  
PO Box 1450  
Alexandria, Virginia 22313-1450

## INFORMATION DISCLOSURE STATEMENT

S I R :

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior references" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed prior to the mailing date of a first Office action. Therefore, no fee or certification is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

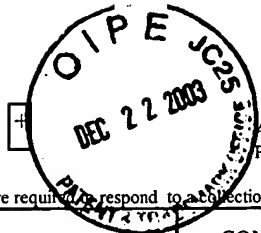
A handwritten signature in black ink, appearing to read 'S. Slusher', with a long horizontal flourish extending to the right.

Stephen A. Slusher, Reg. No. 43,924  
Direct line: (505) 998-6130

Enclosures: PTO Forms 1449a-b;  
Copy of non-patent references

Peacock, Myers & Adams, P.C.  
Attorneys for Applicant  
P.O. Box 26927  
Albuquerque, NM 87125-6927  
(505) 998-1500  
FAX (505) 243-2542  
**Customer No. 005179**

Please type a plus sign (+) inside this box



PTO/SB/08A (10-96)

Approved for use through 10-31-99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	10/666,412
				Filing Date	September 18, 2003
				First Named Inventor	Joseph Wang, et al.
				Group Art Unit	1641
				Examiner Name	UNKNOWN
Sheet	1	of	3	Attorney Docket Number	37000-UT-0206

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document Kind Code <sup>2</sup> Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,753,519		Durst et al.		
		5,756,362		Durst et al.		
		5,789,154		Durst et al.		
		5,958,791		Roberts et al.		
		5,981,180		Chandler et al.		
		6,086,748		Durst et al.		
		6,159,745		Roberts et al.		
		6,358,752 B1		Durst et al.		
		6,248,596 B1		Durst et al.		

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
Examiner Signature					Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[G:\FORMS\PAT\1449a.pat.doc]

1. Unique citation designation number. 2. See attached Kinds of U.S. Patent Documents. 3. Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>COMPLETE IF KNOWN</b>		
				Application Number	10/666,412	
				Filing Date	September 18, 2003	
				First Named Inventor	Joseph Wang, et al.	
				Group Art Unit	1641	
				Examiner Name	UNKNOWN	
Sheet	2	of	3	Attorney Docket Number		37000-UT-0206

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document <sup>2</sup> Number      Kind Code (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,087,748		Donner		
		6,387,625		Eckhardt et al.		
		6,368,800 B1		Smith et al.		
		US2002/00 48822A1		Rittenburg et al.		
		US2002/01 64611A1		Bamdad et al		
		US2002/01 64271A1		Ho		

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document <sup>2</sup> Office <sup>3</sup> Number <sup>4</sup> Code <sup>5</sup> (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Signature					Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[G:\FORMS\PAT\1449a.pat.doc]

1. Unique citation designation number. 2. See attached Kinds of U.S. Patent Documents. 3. Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box




PTO/SB/08B (10-96)

Approved for use through 10-31-99. OMB 0651-003

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary) 			<b>COMPLETE IF KNOWN</b>		
			Application Number	10/666,412	
			Filing Date	September 18, 2003	
			First Named Inventor	Joseph Wang, et al.	
			Group Art Unit	1641	
			Examiner Name	UNKNOWN	
Sheet	3	of	5	Attorney Docket Number	37000-UT-0206

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		SUSAN R. MIKKELSEN, "Electrochemical Biosensors for DNA Sequence Detection", <u>Electroanalysis</u> , 1996, 8, No. 1	
		JOSEPH WANG, "Towards Genoelectronics: Electrochemical Biosensing of DNA Hybridization", <u>Chem. Eur. J.</u> 1999, 5, No. 6.	
		JOSEPH WANG, ET AL., "Metal Nanoparticle-Based Electrochemical Stripping Potentiometric Detection of DNA Hybridization", <u>Analytical Chemistry</u>	
		JOSEPH WANG, <u>Analytical Electrochemistry</u> , VCH Publishers, Inc., New York, 1994.	
		E. PALACEK, M. FOJTA, <u>Analytical Chemistry</u> , 2001, 73, 75A.	
		HARLOW and LANE, <u>Antibodies: A Laboratory Manual</u> , Cold Spring Harbor Laboratory, 1988, TEXTBOOK.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[G:\FORMS\PAT\1449b.pat.doc]

<sup>1</sup> Unique citation designation number. 2. Applicant is to place a check mark here if English language Translation is attached.